

From: Snouwaert, Elaine (ECY)
Sent: Thursday, June 01, 2006 2:04 PM
To: Ragsdale, Dave
Cc: Joy, Joe
Subject: RE: Next Draft Hangman Model Grant SOW

Hi Dave,

A few months back Rick and Walt at the CD proposed doing a study to evaluate the relative levels of phosphate in the soils throughout the watershed. Through their TMDL grant I gave them permission to start developing a study method to accomplish this. I have not heard about their progress but I put in a call today to find out what's happening with it. If it will be useful to this modeling hopefully I can get them started on it again.

Elaine

From: Ragsdale, Dave
Sent: Thursday, June 01, 2006 1:35 PM
To: Snouwaert, Elaine (ECY)
Cc: Joy, Joe
Subject: RE: Next Draft Hangman Model Grant SOW

Elaine. The question you ask in your third comment is one I've also asked during the years of my involvement with the Spokane River D.O. TMDL. As you know, the dischargers have attempted to make a big deal about the phosphorus loading from sediment coming from Hangman. I've asked if sediment from the erosion prone banks in the lower Hangman watershed were sampled to assess how much phosphorus is associated with these soils. To be honest, I do not remember Rick's response as being a definitive one. Similarly, sediment sampling for phosphorus should have been done on soils and sediment coming from the Ag lands in the upper watershed. Without monitoring data, the modelers will have to assign default values for phosphorus in these sediment sources, which may or may not be representative. If you have this covered, perhaps you can share what the monitoring revealed. Thanks, Dave.

From: Snouwaert, Elaine (ECY)
Sent: Thursday, June 01, 2006 12:02 PM
To: 'Filippini.Mark@epamail.epa.gov'; Joy, Joe
Cc: Dee A. Bailey; Erickson, Karol (ECY); Ragsdale, Dave; rick-noll@sccd.org
Subject: RE: Next Draft Hangman Model Grant SOW

Mark & Joe,

I have a few comments/concerns to offer:

- The schedule/deliverable dates - We are obviously behind schedule for completing this TMDL but I would like to try to **keep this on as short of a timeline as possible**. Our original schedule had us completing our technical assessment by June and submitting the TMDL in September of this year. I was still hoping that we would be able to have the modeling completed by October. We also have an advisory group anxiously waiting for the results so they can move forward.
- Monthly vs. Daily loads - the SOW specifies the development of monthly loads. Considering the recent court case that concluded that TMDLs must establish daily loads I think we need to have some kind of recommendation from the contractor for how will can translate the monthly load into a daily load to meet those requirements.
- TSS/phosphorus correlations - not being familiar with the models personally, I'm curious if they will be able to show relationships between sediment and phosphorus. I suspect that when sediment is coming from agricultural fields the phosphorus will be higher than when it is coming from stream banks and the steep eroding bluffs in the lower watershed. Will the model be able to predict this relationship and be adjusted for differing events? For example, the high winter/spring flows probably carry more stream bank/bluff sediment than field sediment.

Thanks for putting this RFP on the fast track! I know its a time crunch.

Elaine

From: Filippini.Mark@epamail.epa.gov [mailto:Filippini.Mark@epamail.epa.gov]
Sent: Thursday, June 01, 2006 9:11 AM
To: Joy, Joe
Cc: Dee A. Bailey; Snouwaert, Elaine (ECY); Erickson, Karol (ECY); Ragsdale, Dave; rick-noll@sccd.org

Subject: Next Draft Hangman Model Grant SOW

Team,

Here is the latest based on our call yesterday. Take a look and let me know if Ive captured everything. If I can get comments by the end of the day or 8:00 tomorrow, I can get the package out tomorrow. Thanks for all your input.

thanks

mark

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